



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/01 NE
P. Walker
6-903

Filing date: October 10, 2000
Inventors: Nower et al.
Title: Accelerometer Based Angular Position Sensor
Serial Number: 09/685,317
Examiner: Tung S. Lau
Group Art Unit: 2863
Attorney docket: 53199.US

AMENDMENT D - RESPONSE TO FINAL OFFICE ACTION

MAIL STOP NON-FEEAMENDMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

In response to the final office action dated April 9, 2003, applicants respond as follows.

IN THE CLAIMS

Please amend the claims as follows:

Claim 13. (once amended) The angular position sensing apparatus of Claim 12, wherein the accelerometer is a single-axis accelerometer for generating a signal proportional to the angular orientation of the sensor head.

Claim 14. (once amended) The angular position sensing apparatus of Claim 12, wherein the accelerometer is a dual-axis accelerometer having a radial and a tangential axis, for generating radial and tangential signals proportional to the angular orientation of the sensor head.

Claim 25. (once amended) The sensing apparatus of claim 24 further comprising:

a first dual-axis accelerometer having a first sensing axis for sensing a first acceleration component and a second sensing axis for sensing a second acceleration

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